



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Zeluck, Inc.
5300 Kings Highway
Brooklyn, NY 11234

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "H-250 Mahogany" 9'0" W/ E Inswing Glazed Wood French Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W97-51** titled "H-250 Mahogany Wood French Door (L.M.I.)", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation., dated 12/17/1997 and last revised 12/04/2007, signed and sealed by Dr. Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 06-0919.07** and consists of this page 1 and evidence pages E-1 and E-2, as well as, approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
12/7/07

NOA No 07-0919.09
Expiration Date: September 28, 2011
Approval Date: December 27, 2007

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections
2. Drawing No. **W97-51** titled "H-250 Mahogany Wood French Door (L.M.I.)", sheets 1 through 5 of 5, prepared by Al-Farooq Corporation., dated 12/17/1997 and last revised on 12/04/2007, signed and sealed by Dr. Humayoun Farooq, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC TAS 202-94
 - 2) Uniform Static Pressure Test, Loading per FBC PA 202-94
 - 3) Water Infiltration Test per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC, TAS 202-94.
 - 5) Large Missile Impact Test per FBC, TAS 203-94
 - 6) Cyclic Wind Pressure Test per FBC, TAS 204-94

Along with installation diagram of Inswing Mahogany Wood French Door, prepared by Architectural Testing, Inc. Test Report No. **ATI-72410.01-109-18**, dated 08/01/2007, signed and sealed by Michael D. Stremmel, P.E.

2. Test reports on:
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Pressure Test, Loading per PA 202-94
 - 3) Forced Entry Test, per PA 202-94
 - 4) Large Missile Impact Test per PA 203-94
 - 5) Cyclic Wind Pressure Test per PA 204-94

Along with installation diagram of Inswing Mahogany Wood French Door, prepared by Architectural Testing, Inc. Test Report No. **ATI-01-30374.01** and **ATI-01-19713**, dated Oct.29, 19997 and July 29, 1997 respectively, both signed and sealed by Allen M. Reeves, P.E.

(Submitted under NOA# 06-0919.07)

C. CALCULATIONS

1. Anchor verification calculations, complying w/ FBC 2004, prepared by Al-Farooq Corporation, dated 09/06/2007, signed and sealed by Dr. Humayoun Farooq, P.E.
Complies with ASTM E1300-98/02

D. QUALITY ASSURANCE BY:

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored interlayer**" dated 05/04/06, expiring on 05/21/11.



Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No 07-0919.09

Expiration Date: September 28,2011

Approval Date: December 27, 2007

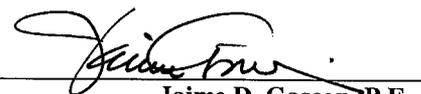
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of compliance, issued by Architectural Testing, Inc., Test Report No. **ATI-72410.01-109-18**, dated 08/01/2007, signed and sealed by Michael D. Stremmel, P.E.
2. Statement letter of conformance, compliance and "No financial interest", dated 12/03/2007, signed and sealed by Dr. Humayoun Farooq, P. E.

G. OTHER

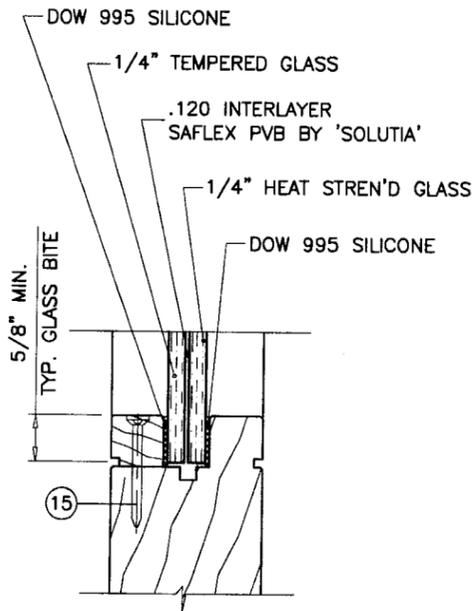
1. This Notice of Acceptance No. **06-0919.07**, issued to Zeluck, Inc. for their Series "H-250 Mahogany Wood French Door", approved on 10/20/2006 and expiring on 09/28/2007.



Jaime D. Gascon, P.E.
Chief, Product Control Division

NOA No 07-0919.09
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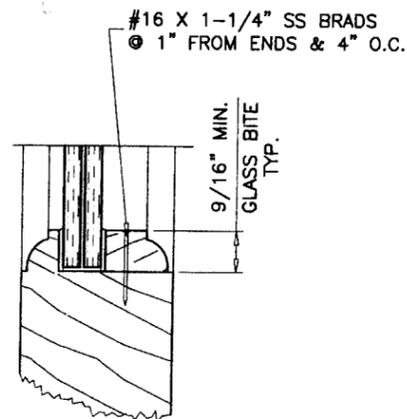
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



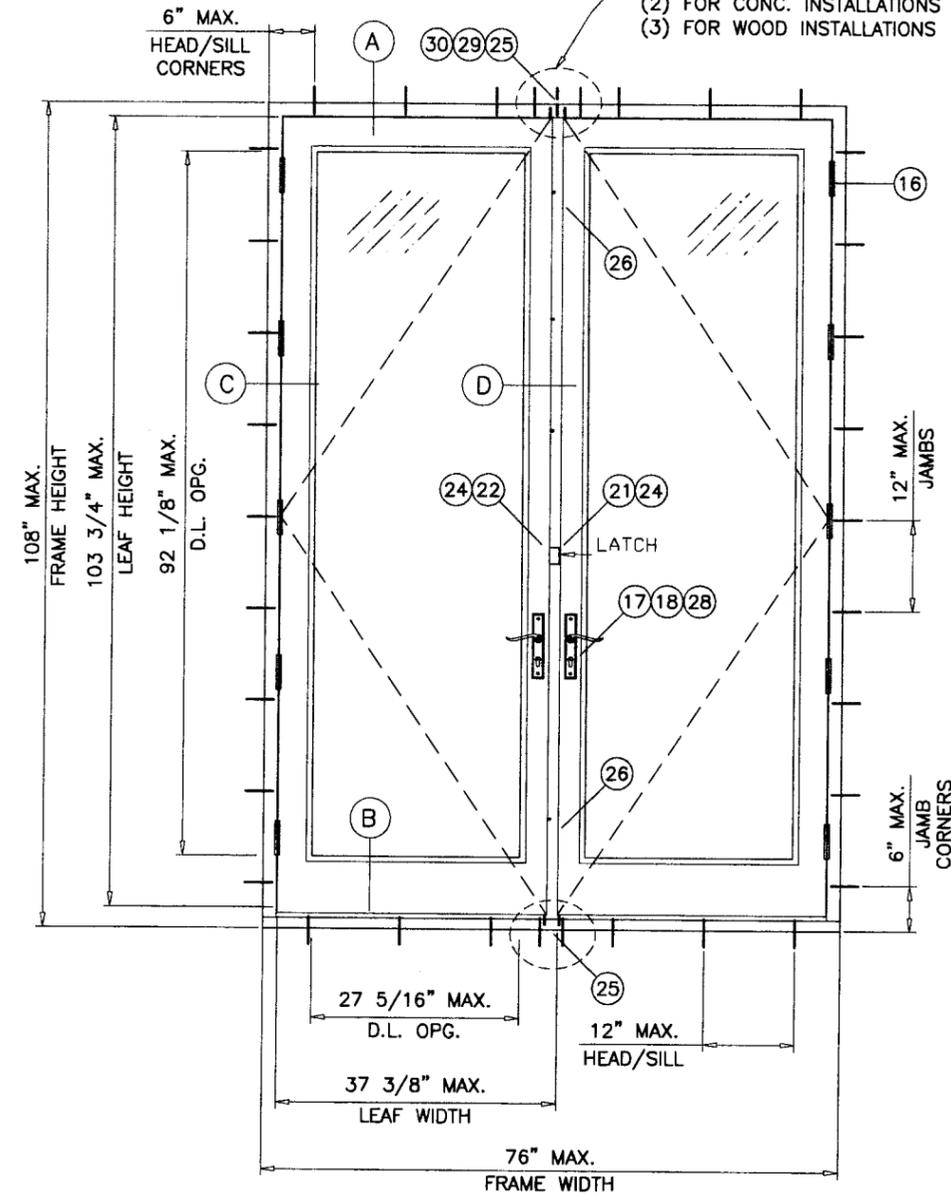
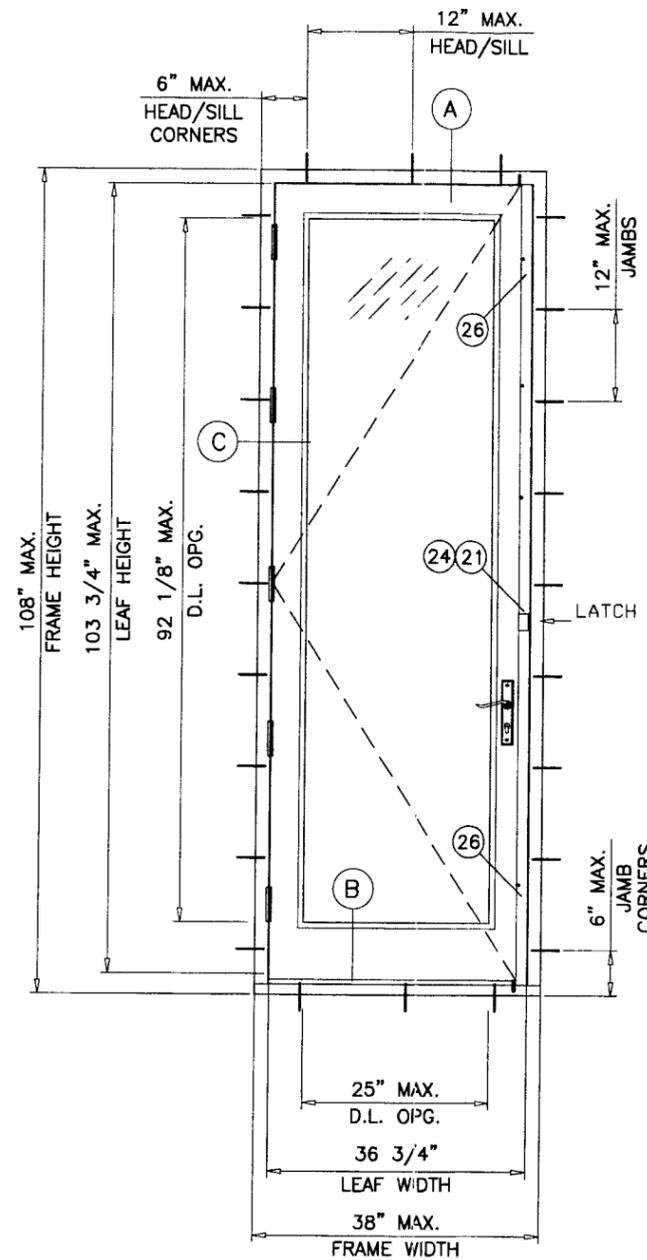
GLAZING DETAIL

EXTERIOR

EXTERIOR



ALT. GLAZING STOP



TYPICAL ELEVATION

H250 INSWING MAHOGANY WOOD FRENCH DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

MAXIMUM DESIGN LOAD RATING = + 60.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 75.0 PSF

DOORS GLAZED WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

DEC 04 2007

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0919.09
Expiration Date 09/28/2011
By *[Signature]*
Miami Trade Product Control
Division

ANCHORS REQD.
AT MTG. STILE ENDS
AT 3" O.C.
(2) FOR CONC. INSTALLATIONS
(3) FOR WOOD INSTALLATIONS



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

H250 INSWING MAHOGANY WOOD FRENCH DOOR (L.M.I.)
ZELUCK INCORPORATED
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234-9011
TEL. (718) 251-8060 FAX. (718) 531-2564

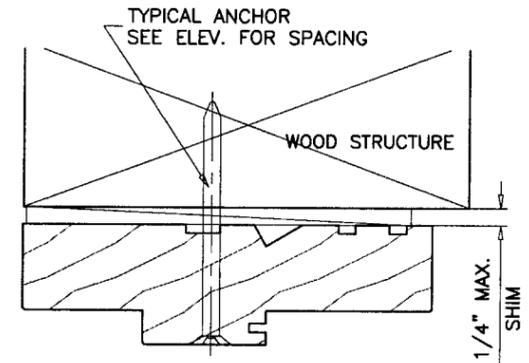
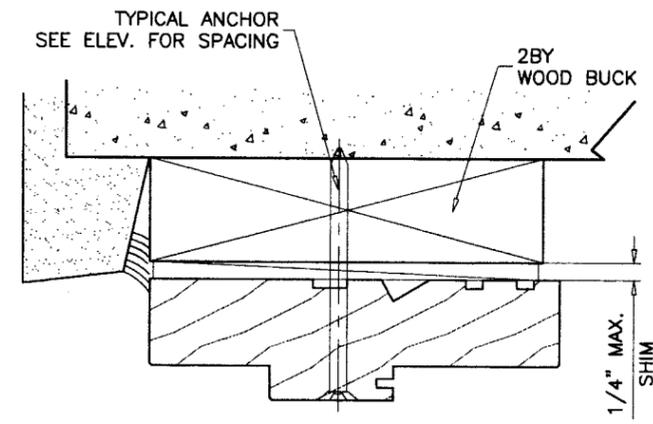
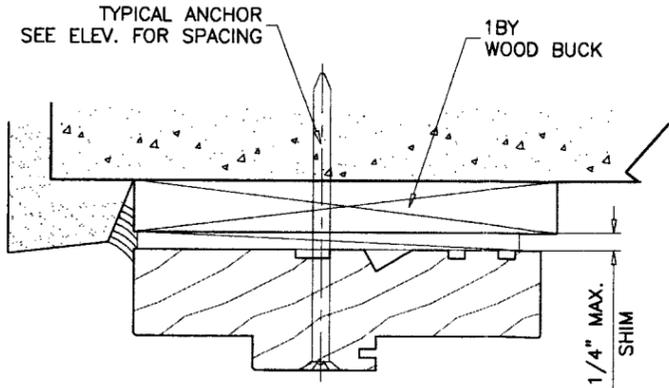
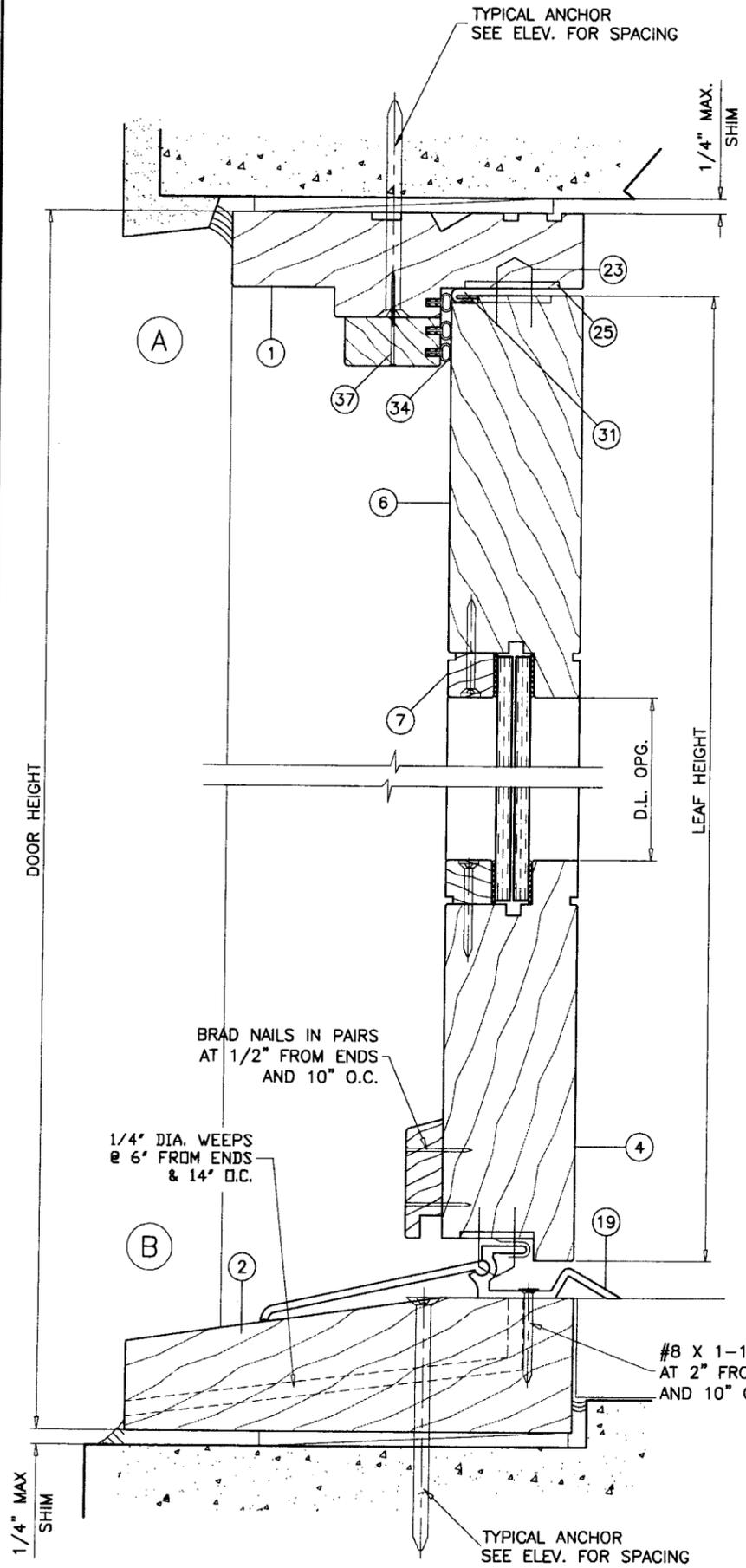
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B	8.05.98	SHIM SPACE & ANCHOR D. REV.	
C	08.07.06	UPDATED FOR 2004 FBC	
D	07.10.07	GENERAL REV.	

date: 12-17-97
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W97-51

sheet 1 of 5

COMP-ANL\W97-51ZI-N



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#14 SMS
 INTO WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD

1/4" TAPCONS
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.

WEEPHOLES:
 1/2" DIA. WEEPHOLES IN SILL METAL ADAPTER
 1/4" DIA. WEEPHOLES IN SILL WOOD SECTION
 AT 6" FROM EACH END AND 14" O.C. MAX.

HINGES:
 BUTT HINGES AT 8" FROM EACH END AND 28" O.C. MAX.
 EACH HINGE SECURED TO JAMB AND HINGE STILE
 WITH (8) #12 X 1-1/2" SCREWS.

LOCKS:
 MULTI POINT LOCKING SYSTEM WITH ADJACENT KEEPERS
 LOCKING POINTS AT 16" FROM EACH END AND 43" O.C.
 ACTUATING HANDLE AT 42" FROM BOTTOM.
 SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT TOP AND
 BOTTOM OF EACH LEAF.

WOOD BUCKS NOT BY ZELUCK INC., MUST SUSTAIN
 LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER
 THEM TO THE BUILDING STRUCTURE.

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

DEC 04 2007

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 By: *[Signature]*
 Miami Dade Product Control
 Division

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W97-51ZI-N

H250 INSWING MAHOGANY WOOD FRENCH DOOR (L.M.I.)
ZELUCK INCORPORATED
 5300 KINGS HIGHWAY
 BROOKLYN, N.Y. 11234-9011
 TEL. (718) 251-8060 FAX. (718) 531-2564

no	date	by	description
C	08.07.06		UPDATED FOR 2004 FBC
D	07.10.07		GENERAL REV.

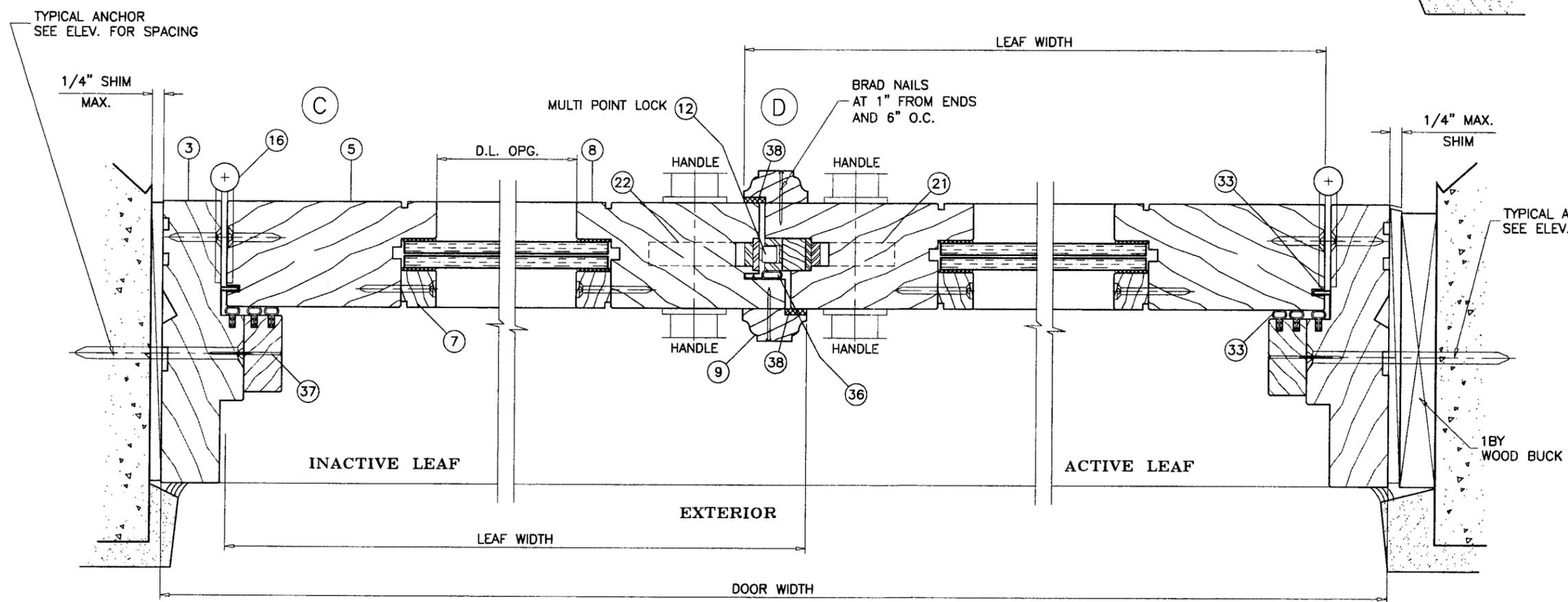
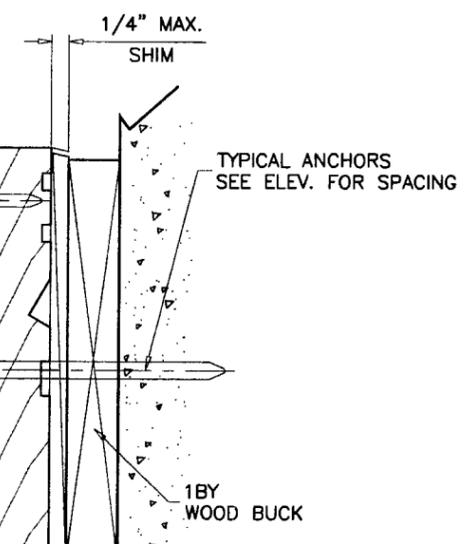
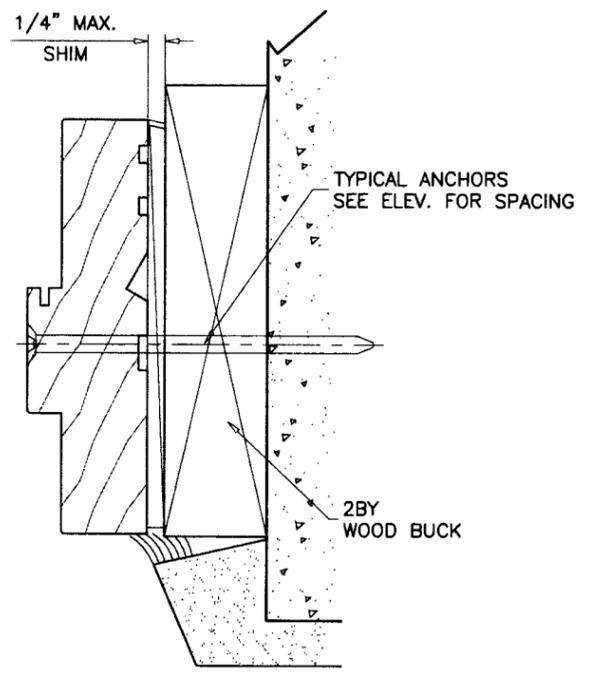
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 dr. by: HAMID
 chk. by:

drawing no.
W97-51

sheet 2 of 5

revisions:	no	date	by	description
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	D	07.10.07		GENERAL REV.

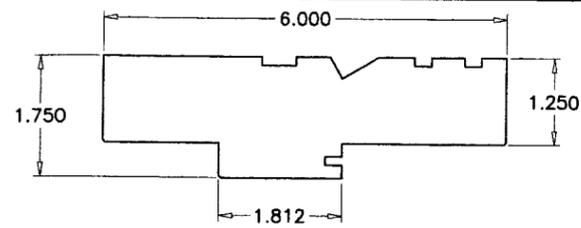
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chk. by:	



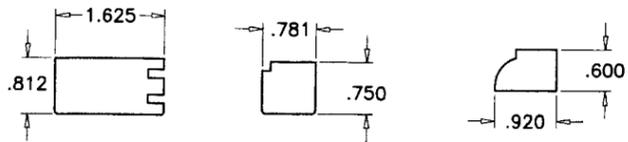
Engr. DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

[Signature]
 DEC 04 2007

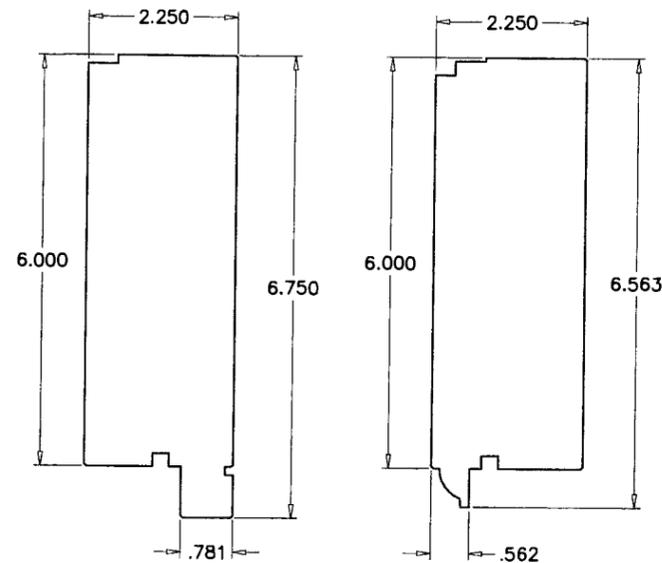
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 Division



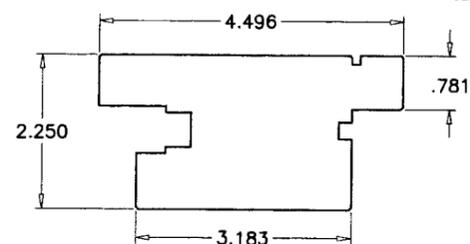
FRAME HEAD/JAMB
WOOD



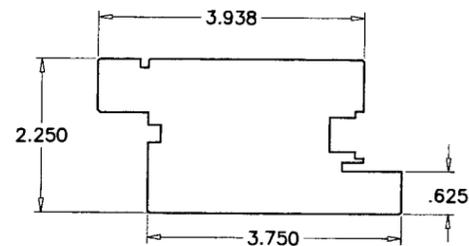
DOOR STOP WOOD GLAZING STOP WOOD ALT. GLAZING STOP WOOD



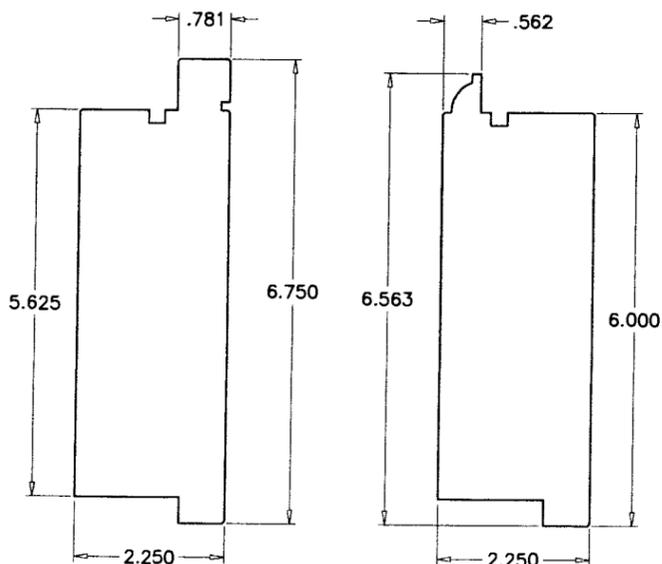
TOP RAIL WOOD ALT. TOP RAIL WOOD



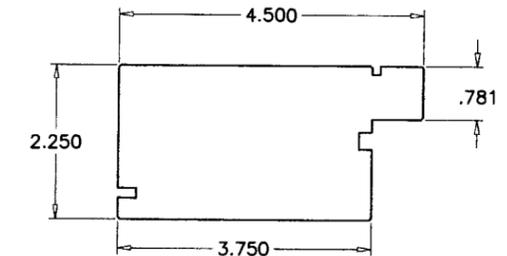
ACTIVE LOCK STILE
WOOD



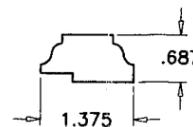
INACTIVE LOCK STILE
WOOD



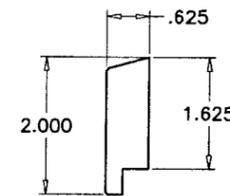
BOTTOM RAIL WOOD ALT. BOTTOM RAIL WOOD



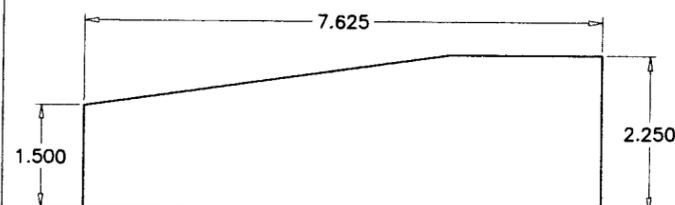
SIDE RAIL
WOOD



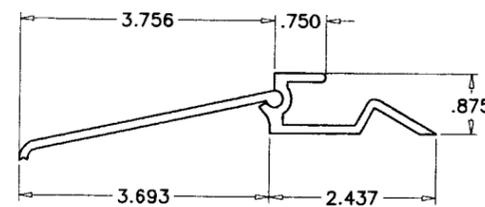
ASTRAGAL
WOOD



DRIP CAP
WOOD



SILL
WOOD



SADDLE
BRONZE

ITEM NO.	QTY.	PART NO.	DESCRIPTION	REMARKS/SUPPLIER
1	1	-	FRAME HEAD (WOOD)	
2	1	-	FRAME SILL (WOOD)	
3	2	-	FRAME JAMB (WOOD)	
4	-	-	HORIZ. BOTT. RAIL (WOOD)	(1) @ BOTT. OF EA. PANEL
5	-	-	SIDE RAIL (WOOD)	(1) @ SIDE OF EA. PANEL
6	-	-	TOP RAIL (WOOD)	(1) @ TOP OF EA. PANEL
7	AS REQD.	-	GLAZING STOP WOOD	-
8	-	-	LOCK STILE (WOOD)	(1) @ EA. MOVING PANEL
9	1/ PANEL	-	ASTRAGAL (WOOD)	-
12	SEE SHEET 1	-	MULTI POINT LOCK (ZINC CHRMT'D STEEL)	-
15	AS REQD.	-	# 8 X 1-1/2" WOOD SCREWS	@ 10" O.C.
16	5/ LEAF	24.5 BBBR	4-1/2" X 4-1/2" BALL BEARING BUTT HINGE (BRASS)	ZELUCK
17	1/ PANEL	Z/445 38X220 OC	SOLID HANDLE (BRASS)	ZELUCK
18	1/ PANEL	B8809 0064	EUROPEAN PROFILE CYLINDER KEY/KNOB	BKS
19	1	Z 0-1	SOLID BRONZE SADDLE	ZELUCK
20	1/ PANEL	ACC # 7	INTERLOCKING HOOK	ACCURATE
21	1	2684	ACTIVE DOOR LOCKING GEAR (ZINC CHRMT'D STEEL)	GU
22	1	2562	INACTIVE DOOR LOCKING GEAR (ZINC CHRMT'D STEEL)	GU
23	2/ PANEL	M5Z1696	SHOOT BOLTS (ZINC CHRMT'D STEEL)	AT TOP & BOTTOM OF LEAF
24	1/ PANEL	UF8-650	LOCKING GEAR EXTENSION (ZINC CHRMT'D STEEL)	GU
25	1/ PANEL	NO. 293	STRIKING PLATE FOR SHOOT BOLT (ZINC CHRMT'D STEEL)	GU
26	-	NO. E-11637	STRIKING PLATE FOR ROLLING PIN (ZINC CHRMT'D STEEL)	GU
27	-	NO. E-11639	STRIKING PLATE FOR LATCH (ZINC CHRMT'D STEEL)	GU
28	1/ PANEL	6826-2889	HANDLE SPINDLE (ZINC CHRMT'D STEEL)	GU
29	1/ PANEL	2. 0X8 0X0 .125	BRONZE SHOOT BOLT KEEPER	ZELUCK
30	2/ PANEL	1.75X3 00X0 .125	BRONZE SHOOT BOLT HOUSING	ZELICK
31	AS REQD.	ACC # 7	FRAME BRONZE HOOK W'STRIPPING	ACCURATE
32	AS REQD.	ACC # 8	DOOR BRONZE FLAT W'STRIPPING	ACCURATE
33	2/ PANEL	46-54183	FRAME LEG W'STRIPPING - EPDM (NEOPRENE)	VARNAMO
34	1/ PANEL	46-54183	FRAME HEAD W'STRIPPING - EPDM (NEOPRENE)	VARNAMO
35	AS REQD.	NO. 10-UP	BRONZE NAILS FOR BRONZE W'STRIPPING	ACCURATE
36	AS REQD.	44-00030	W'STRIPPING FOR ASTRAGAL (NEOPRENE)	VARNAMO
37	AS REQD.	-	1" LONG BRAD NAILS	1" FROM ENDS & 10" O.C.
38	AS REQD.	-	0.39"x0.125" CUSTOM VINYL FOAM SEAL	

TYPICAL WOOD-HONDURES MAHOGANY LUMBER

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
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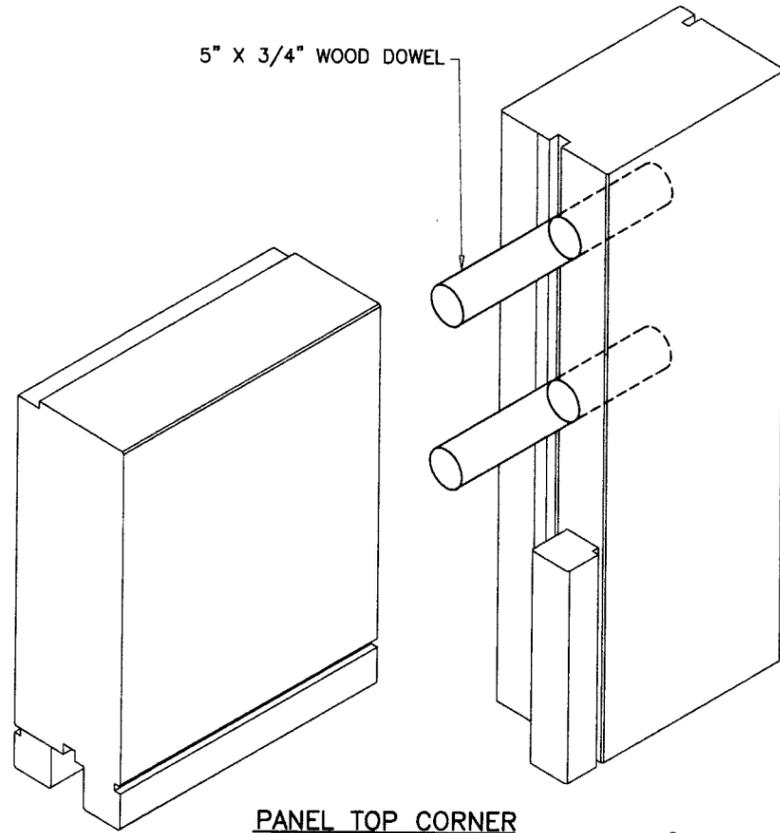
no.	date	by	description
C	08.07.06		UPDATED FOR 2004 FBC
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date: 12-17-97
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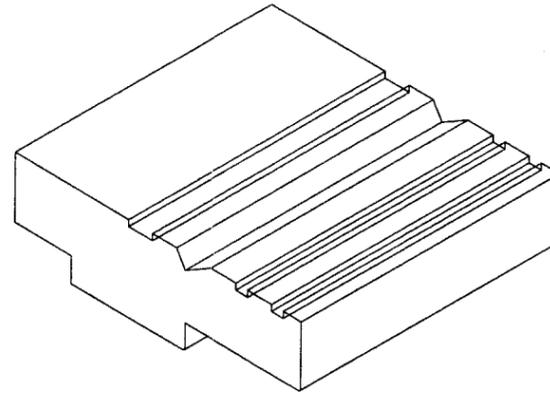
drawing no.
W97-51

sheet 4 of 5

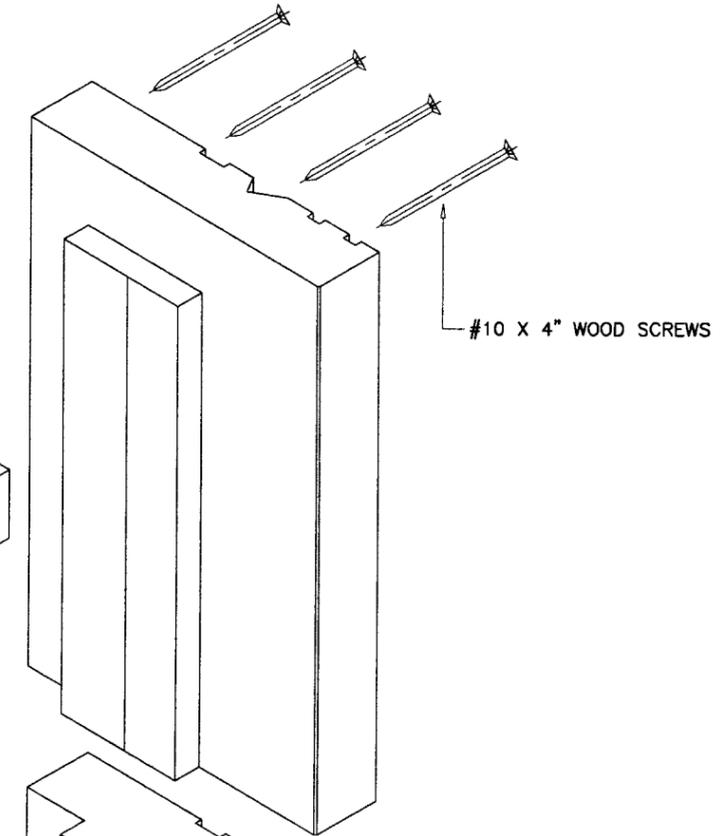
5" X 3/4" WOOD DOWEL



PANEL TOP CORNER

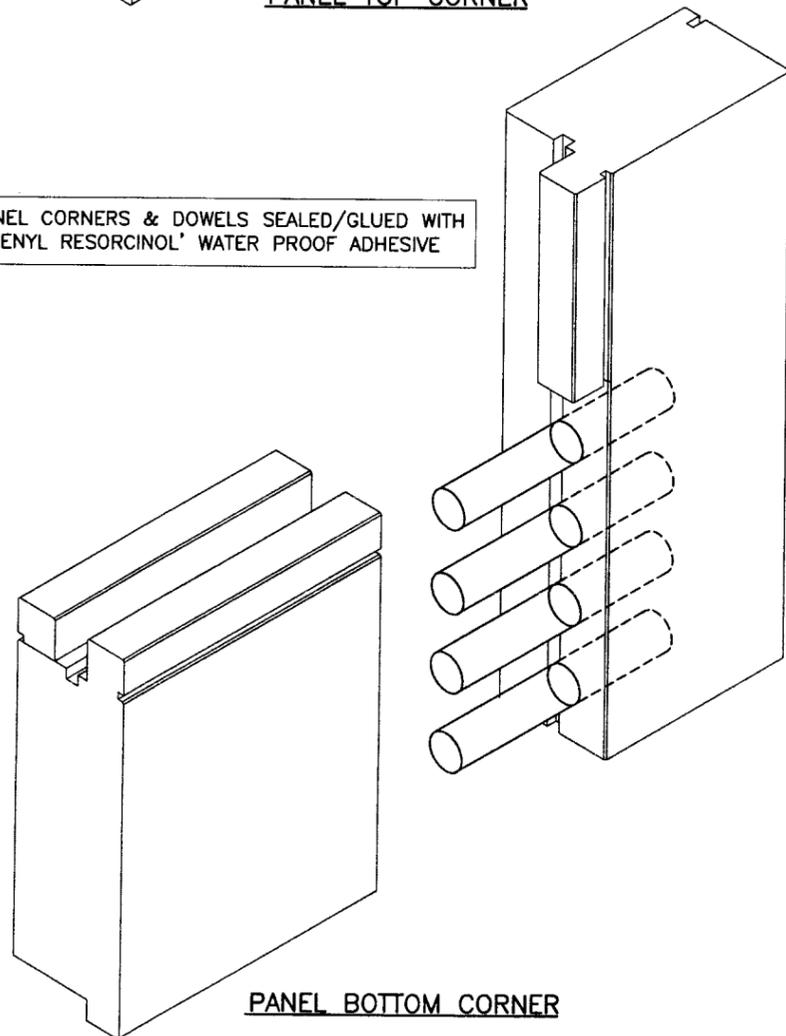


FRAME TOP CORNER



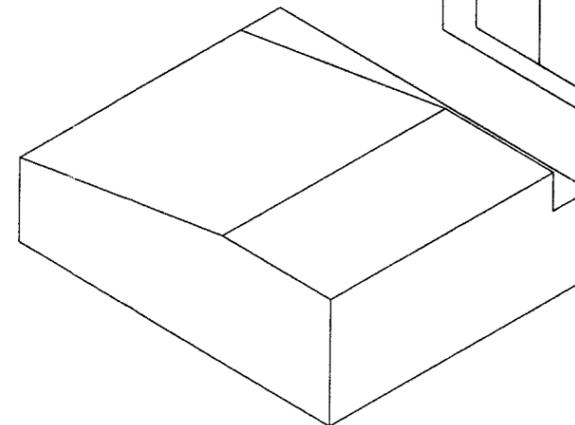
#10 X 4" WOOD SCREWS

PANEL CORNERS & DOWELS SEALED/GLUED WITH 'PHENYL RESORCINOL' WATER PROOF ADHESIVE

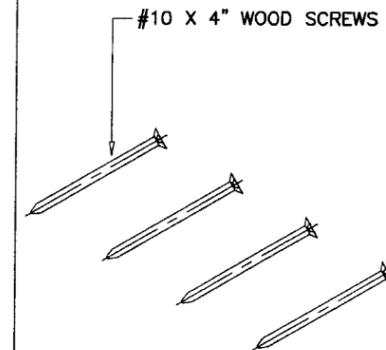


PANEL BOTTOM CORNER

FRAME CORNERS SEALED WITH 'SIKAFLEX 1A' SEALANT



FRAME BOTTOM CORNER



#10 X 4" WOOD SCREWS

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
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afc

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MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL \ W97-51ZI-N

H250 INSWING MAHOGANY WOOD FRENCH DOOR (L.M.I.)

ZELUCK INCORPORATED
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234-9011
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revisions:
no. date by description

C	08.07.06		UPDATED FOR 2004 FBC
D	07.10.07		GENERAL REV.

date: 12-17-97

scale: 3/8" = 1"

dr. by: HAMID

chk. by:

drawing no.
W97-51

sheet 5 of 5